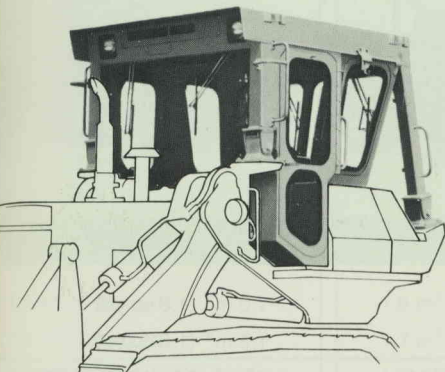
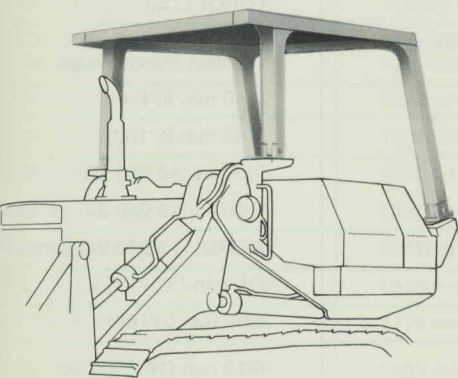


**BACKHOE**

Installed on rear of machine, it is used for ditching, excavating and loading.



**ROPS (Roll-Over-Protective Structure) CAB**



**ROPS CANOPY**

Other attachments, such as dumping fork, front pull hook, counterweight, canopy, steel cab, cab guard, etc., are also available.

**WHEEL LOADERS**

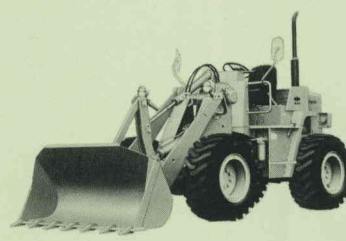


**WA30-2**

Bucket capacity struck	0.29 m <sup>3</sup> (0.38 cu.yd)
heaped	0.34 m <sup>3</sup> (0.44 cu.yd)
Flywheel horsepower	27.2 HP (20.3 kW)/2600 RPM
Engine: Model	KOMATSU 3D94-1C
Piston displacement	1.413 ltr (86.2 cu.in)
Operating weight (approx.)	2380 kg (5,250 lb)
Transmitting system	Hydroshift
Tires	33 x 12.5- 156 PR (L-2) Tubed, traction type
Wheelbase	1650 mm (5'5")
Tread	1180 mm (3'10")
Static tipping load (straight)	1450 kg (3,200 lb)
(full turn)	1280 kg (2820 lb)
Breakout force	2630 kg (5,800 lb/25.8 kN)
Dumping reach	700 mm (2'4")
Dumping clearance	2000 mm (6'7")
Turning radius (outside corner of bucket)	3630 mm (11'11")
Overall dimensions	
height	1890 mm (6'2")
length bucket on ground	3575 mm (11'9")
width (w/o Bucket)	1500 mm (4'11")
bucket width	1570 mm ( 5'2")

Travel speed km/h (MPH) forward	1st 3.0 (1.9)
	2nd 6.4 (4.0)
	3rd 15.0 (9.3)
reverse	1st 3.1 (1.9)
	2nd 6.5 (4.0)
	3rd 15.0 (9.3)

# WHEEL LOADERS



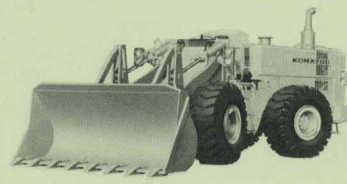
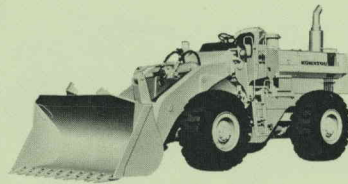
	W20-1	W30-1	W40-2
Bucket capacity struck	0.5 m <sup>3</sup> (0.7 cu.yd)	0.6 m <sup>3</sup> (0.8 cu.yd)	1.0 m <sup>3</sup> (1.3 cu.yd)
heaped	0.6 m <sup>3</sup> (0.8 cu.yd)	0.8 m <sup>3</sup> (1.0 cu.yd)	1.2 m <sup>3</sup> (1.6 cu.yd)
Flywheel horsepower	49 HP (37 kW)/2400 RPM	49 HP (37 kW)/2400 RPM	72 HP (54 kW)/2500 RPM
Engine: Model	KOMATSU 4D94	KOMATSU 4D94	KOMATSU 4D105
Piston displacement	2.94 ltr (180 cu.in)	2.94 ltr (180 cu.in)	4.33 ltr (264 cu.in)
Operating weight (approx.)	3980 kg (8,770 lb)	4680 kg (10,320 lb)	6430 kg (14,180 lb)
Transmitting system	TORQFLOW	TORQFLOW	TORQFLOW
Tires	10.00-20-10 PR (L-2) Tubed, traction type	42 x 17-20-10 PR (L-2) Tubed, traction type	16.9-24-10 PR (L-2) Tubeless, traction type
Wheelbase	2150 mm (7'1")	2150 mm (7'1")	2440 mm (8')
Tread	1500 mm (4'11")	1450 mm (4'9")	1780 mm (5'10")
Static tipping load (straight)	2400 kg (5,290 lb)	2940 kg (6,430 lb)	4930 kg (10,870 lb)
(full turn)	2150 kg (4,740 lb)	2635 kg (5,810 lb)	4190 kg ( 9,240 lb)
Breakout force	3150 kg (6,940 lb/31 kN)	3450 kg (7,610 lb/34 kN)	5930 kg (13,070 lb/58.1 kN)
Dumping reach	900 mm (2'11")	920 mm (3')	975 mm (3'2")
Dumping clearance	2250 mm (7'5")	2400 mm (7'10")	2680 mm (8'10")
Turning radius (outside corner of bucket)	4255 mm (14')	4350 mm (14'3")	4915 mm (16'2")
Overall dimensions			
height	2845 mm ( 9'4")	2850 mm ( 9'4")	2875 mm ( 9'5")
length bucket on ground	4485 mm (14'9")	4730 mm (15'6")	5420 mm (17'9")
width (w/o Bucket)	1780 mm ( 5'10")	1860 mm ( 6'1")	2220 mm ( 7'3")
bucket width	1900 mm ( 6'3")	1950 mm ( 6'5")	2390 mm ( 7'10")
Travel speed km/h (MPH)			
forward	1st 0- 7.5 ( 4.7) 2nd 0-25.0 (15.6)	1st 0- 7.5 ( 4.7) 2nd 0-25.0 (15.6)	1st 0- 7.2 ( 4.5) 2nd 0-14.0 ( 8.7) 3rd 0-34.5 (21.4)
reverse	1st 0-10 (6.3)	1st 0-10.0 ( 6.3)	1st 0- 7.2 ( 4.5) 2nd 0-14.1 ( 8.8) 3rd 0-35.0 (21.7)



WHEEL  
LOADERS

			
W60-2	W70-3	W90-3	W120-3
1.1 m <sup>3</sup> (1.4 cu.yd) 1.4 m <sup>3</sup> (1.8 cu.yd)	1.5 m <sup>3</sup> (2.0 cu.yd) 1.7 m <sup>3</sup> (2.2 cu.yd)	1.9 m <sup>3</sup> (2.5 cu.yd) 2.3 m <sup>3</sup> (3.0 cu.yd)	2.6 m <sup>3</sup> (3.5 cu.yd) 3.3 m <sup>3</sup> (4.25 cu.yd)
102 HP (76 kW)/2500 RPM	107 HP (80 kW)/2500 RPM	152 HP (113 kW)/2500 RPM	200 HP (149 kW)/2500 RPM
KOMATSU 6D105 6.49 ltr (396 cu.in)	KOMATSU 6D105 6.49 ltr (396 cu.in)	KOMATSU S6D105 6.49 ltr (396 cu.in)	KOMATSU SA6D110 7.13 ltr (435 cu.in)
9430 kg (20,720 lb)	9430 kg (20,790 lb)	12200 kg (26,900 lb)	17140 kg (37,790 lb)
TORQFLOW	TORQFLOW	TORQFLOW	TORQFLOW
14.00-24-12 PR (L-2) Tubeless, traction type	17.5-25-12 PR (L-2) Tubeless, traction type	20.5-25-12 PR (L-3) Tubeless, rock type	23.5-25-12 PR (L-3) Tubeless, rock type
2540 mm (8'4")	2745 mm (9')	2870 mm (9'5")	3125 mm (10'3")
1820 mm (6')	1930 mm (6'4")	1985 mm (6'6")	2160 mm (7'1")
5790 kg (12,760 lb)	6800 kg (14,990 lb)	9700 kg (21,390 lb)	13850 kg (30,540 lb)
4920 kg (10,850 lb)	5920 kg (13,050 lb)	8730 kg (19,250 lb)	12465 kg (27,490 lb)
7510 kg (16,560 lb/73.6 kN)	8810 kg (19,420 lb/86.3 kN)	11900 kg (26,230 lb/117 kN)	14300 kg (31,530 lb/140 kN)
980 mm (3'3")	1015 mm (3'4")	985 mm (3'3")	1230 mm (4')
2725 mm (8'11")	2775 mm (9'1")	2800 mm (9'2")	2995 mm (9'10")
5080 mm (16'8")	5455 mm (17'11")	6320 mm (20'9")	6920 mm (22'8")
2925 mm ( 9'7")	3095 mm (10'2")	3240 mm (10'8")	3375 mm (11'1")
5750 mm (18'10")	6530 mm (21'5")	6870 mm (22'6")	7705 mm (25'3")
2220 mm ( 7'3")	2370 mm ( 7'9")	2515 mm ( 8'3")	2780 mm ( 9'1")
2390 mm ( 7'10")	2440 mm (8')	2615 mm ( 8'7")	2925 mm ( 9'7")
1st 0- 7.6 ( 4.8) 2nd 0-15.1 ( 9.4) 3rd 0-38.1 (23.7)	1st 0- 7.1 ( 4.4) 2nd 0-13.8 ( 8.6) 3rd 0-34.5 (21.4)	1st 0- 7.5 ( 4.7) 2nd 0-13.3 ( 8.3) 3rd 0-30.4 (18.9)	1st 0- 7.1 ( 4.4) 2nd 0-12.6 ( 7.8) 3rd 0-30.0 (18.6)
1st 0- 7.6 ( 4.8) 2nd 0-15.2 ( 9.5) 3rd 0-38.3 (23.8)	1st 0- 7.1 ( 4.4) 2nd 0-13.8 ( 8.6) 3rd 0-34.5 (21.4)	1st 0- 8.0 ( 5.0) 2nd 0-14.2 ( 8.8) 3rd 0-32.3 (20.1)	1st 0- 7.5 ( 4.7) 2nd 0-13.3 ( 8.3) 3rd 0-32.2 (20.0)

# WHEEL LOADERS



**W170-2**

**W180-1**

**W260-1**

Bucket capacity struck	2.9 m <sup>3</sup> (3.8 cu. yd)	3.3 m <sup>3</sup> (4.3 cu.yd)	4.6 m <sup>3</sup> (6.0 cu.yd)
heaped	3.5 m <sup>3</sup> (4.5 cu.yd)	4.0 m <sup>3</sup> (5.2 cu.yd)	5.7 m <sup>3</sup> (7.5 cu.yd)
Flywheel horsepower	235 HP (175 kW)/2200 RPM	280 HP (209 kW)/2300 RPM	415 HP (310 kW)/2100 RPM
Engine: Model Piston displacement	KOMATSU-CUMMINS NT855 14.0 ltr (855 cu.yd)	CUMMINS NT855 14.0 ltr (855 cu.in)	CUMMINS KT1150 18.9 ltr (1,150 cu.in)
Operating weight (approx.)	19320 kg (42,590 lb)	23880 kg (52,650 lb)	37000 kg (81,570 lb)
Transmitting system	TORQFLOW	TORQFLOW	TORQFLOW
Tires	23.5-25-20PR(L3) Tubeless, rock type	26.5-25-20 PR (L-3) Tubeless, rock type	29.5-29-22 PR (L-4) Tubeless, rock type
Wheelbase	3350 mm (11')	3550 mm (11'8")	3940 mm (12'11")
Tread	2260 mm (7'5")	2390 mm ( 7'10")	2640 mm ( 8'8")
Static tipping load (straight)	14900 kg (32,850 lb)	19300 kg (42,550 lb)	27200 kg (59,970 lb)
(full turn)	12665 kg (27,920 lb)	16400 kg (36,160 lb)	24450 kg (53,900 lb)
Breakout force	20780 kg (45,920 lb/204 kN)	26060 kg (57,450 lb/255 kN)	33400 kg (73,630 lb/327 kN)
Dumping reach	1210 mm (4')	1240 mm ( 4'1")	1420 mm ( 4'8")
Dumping clearance	3060 mm (10')	3150 mm (10'4")	3720 mm (12'2")
Turning radius (outside corner of bucket)	7340 mm (24'1")	7870 mm (25'10")	8650 mm (28'5")
Overall dimensions			
height	3575 mm (11'9")	3650 mm (12')	3990 mm (13'1")
length of bucket on ground	8190 mm (26'10")	8565 mm (28'1")	9325 mm (30'7")
width (w/o Bucket)	2890 mm (9'6")	3075 mm (10'1")	3470 mm (11'5")
bucket width	3050 mm (10')	3300 mm (10'10")	3685 mm (12'1")

Travel speed km/h (MPH)  
forward

1st 0- 6.6 ( 4.1)  
2nd 0-11.5 ( 7.1)  
3rd 0-33.2 (20.6)

1st 0- 7.0 ( 4.3)  
2nd 0-12.6 ( 7.8)  
3rd 0-32.5 (20.2)

1st 0- 7.2 ( 4.5)  
2nd 0-12.2 ( 7.6)  
3rd 0-32.6 (20.3)

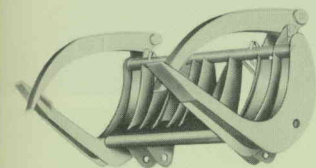
reverse

1st 0- 6.6 ( 4.1)  
2nd 0-11.5 ( 7.1)  
3rd 0-33.2 (20.6)

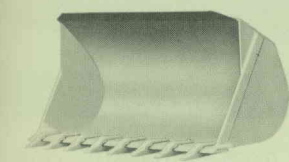
1st 0- 7.0 ( 4.3)  
2nd 0-12.6 ( 7.8)  
3rd 0-32.5 (20.2)

1st 0- 7.2 ( 4.5)  
2nd 0-12.2 ( 7.6)  
3rd 0-32.6 (20.3)

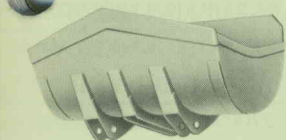
# ATTACHMENTS FOR WHEEL LOADERS



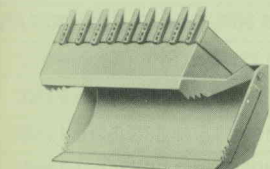
**LOG CLAMP**  
Having strengthened forks and arms, this clamps logs firmly to carry or load onto trucks.



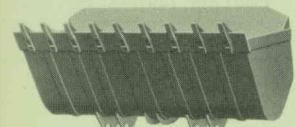
**GENERAL-PURPOSE BUCKET**  
Three types of buckets are available to suit the job.



**SPADE NOSE BUCKET**  
For large shot-rock loading or heavy-duty digging which requires greater digging force.



**MULTIPURPOSE BUCKET**  
A bucket/blade combination usable as a bucket, blade, scraper or clamshell for all-around loading, topsoil stripping and debris cleaning.



**LARGE BUCKET (LIGHT-MATERIAL BUCKET)**  
Ideal for handling bulky materials such as sand and chips.

HYDRAULIC EXCAVATORS	
Model	Capacity
1000	1000
1500	1500
2000	2000
2500	2500
3000	3000
3500	3500
4000	4000
4500	4500
5000	5000
5500	5500
6000	6000
6500	6500
7000	7000
7500	7500
8000	8000
8500	8500
9000	9000
9500	9500
10000	10000
10500	10500
11000	11000
11500	11500
12000	12000
12500	12500
13000	13000
13500	13500
14000	14000
14500	14500
15000	15000
15500	15500
16000	16000
16500	16500
17000	17000
17500	17500
18000	18000
18500	18500
19000	19000
19500	19500
20000	20000